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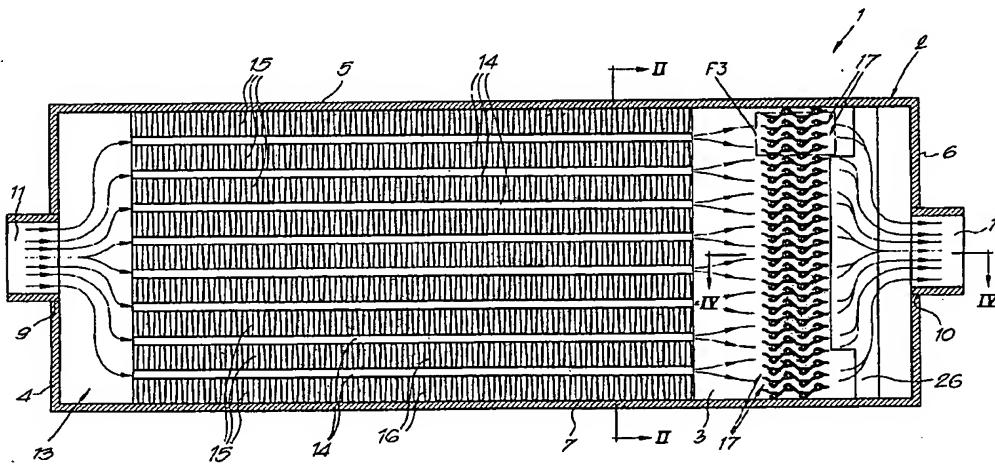
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(57) Abstract: Heat exchanger which mainly consists of a housing with a bottom, an upper wall and side walls, whereby onto two pairs of opposite side walls, the front wall and the back wall respectively, are connected a supply and a discharge for the gas to be cooled, and whereby channels are provided in the housing, according two cross directions, characterized in that, between the above-mentioned channels (14-15) and the above-mentioned back wall (6), means are provided for separating condensate from the cooled gas.

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